CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
Sacramento, California 95814

WEBSITES
Main website: www.energy.ca.gov
Children's website: www.energyquest.ca.gov
Consumer Information: www.ConsumerEnergyCenter.org

NOTICE OF PROPOSED AWARDS
Environmentally Preferred Advanced Generation Grant Solicitation
Date: February 21, 2008

On September 4, 2007 the California Energy Commission (Energy Commission) released a Grant Solicitation and Application Package for Combined Heat and Power Systems under the Public Interest Energy Research (PIER) Program's Environmentally Preferred Advanced Generation (EPAG) group. The grant solicitation announced that up to $5,870,000 was available for project funding.

By the proposal due date of November 29, 2007, the Energy Commission received 22 proposals requesting funding. Each proposal was screened for compliance with proposal submittal and content requirements as given in the solicitation by Energy Commission staff. The proposals that met the requirements were reviewed by technical experts. The Energy Commission's Scoring Team evaluated and scored the proposals based on the criteria prescribed in the solicitation. Based on the Scoring Team's scores, the Energy Commission's RD&D Committee has made its proposed funding recommendations for this EPAG RD&D grant solicitation. This Notice of Proposed Awards is hereby issued pursuant to those recommendations.

The attached table, Committee Funding Recommendations for EPAG RD&D Grant Solicitation, identifies proposals recommended for funding by the RD&D Committee, including funding amounts, proposals that were disqualified because they did not meet the minimum passing score and proposals that were disqualified because they did not meet the requirements of the grant solicitation. This notice is being mailed to all parties who submitted a proposal to this solicitation and is also posted on the Energy Commission Web Site as follows: http://www.energy.ca.gov/contracts/pier.html

After the funding agreement negotiations are complete, it is anticipated that the full Energy Commission will consider the Committee's grant award recommendations during a publicly noticed Business Meeting at the Energy Commission in Sacramento, California in April or May, 2008. Persons wishing further information about this matter may contact Arthur J. Soinski at (916) 654-4674 or by email at asoinski@energy.state.ca.us.

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ARTHUR H. ROSENFELD
Commissioner and Presiding Member
Research, Development and Demonstration Committee

Committee Funding Recommendations for EPAG RD&D Grant Solicitation

Proposals Recommended for Funding

Proposal Number	Applicant	Project Title	Funding Requested	Recommended Funding	Match Funding	Score	Rank
14	CMC Engineering, Inc.	Microturbine-Based Efficient Heat and Power System (EHPS)	$1,499,733.00	$1,499,733	$423,479	76.9	1
17	Brayton Energy, LLC	400 kW Intercooled-Recuperated Microturbine	$808,000.00	$808,000	$808,132	75.2	2
9	CMC Engineering, Inc.	Packaged Microturbine / Boiler CHP System	$535,954.00	$535,954	$152,000	73.0	3
8	ICF Resources, LLC	Dehumidification / Heating Combined Heat and Power System	$460,062.00	$460,062	$354,100	72.4	4
10	CMC Engineering, Inc.	Microturbine-Based CHP for Thermal Oxidizers	$733,905.00	$733,905	$187,072	70.7	5
13	Southern California Gas Company	Ultra-Low Emission Integrated CHP Technology Development	$1,484,179.00	$1,484,179	$1,387,714	70.1	6

Proposal Number	Applicant	Project Title			Score

Proposals Disqualified by Score

1	Airware, Inc.	Final Development to Production of Compact Cost-Effective High Sensitivity TDIR True- NOx Sensor			Did Not Meet Minimum Passing Score
6	Precision Combustion, Inc.	Achieving Field Readiness of Ultra Low NOx Catalytic Pilot for Meeting CARB 2007 Emission Standards for Solar Turbine Taurus 70 Based CHP System			Did Not Meet Minimum Passing Score
12	ICF Resources, LLC	Demonstration of Ultra Low Emissions I Power CHP Technology Operating on Gasified Municipal Sludge			Did Not Meet Minimum Passing Score
15	Hythane Company	An Affordable Low Emission High Efficiency Hythane Engine that Provides a Marketplace DG/CHP System			Did Not Meet Minimum Passing Score
18	Gas Technology Institute	FlexCHP High-Efficiency Ultra-Clean Power and Steam Package			Did Not Meet Minimum Passing Score
20	UC, San Diego	Waste Heat to Power of 1.2 MW Anaerobic Digester Gas Fuel Cells			Did Not Meet Minimum Passing Score
21	ADI Thermal Power Corporation	A 100 kW Dual Shell Stirling Engine Integrated with an Advanced Absorption Chiller and Thermal Storage Optimized for Customer Load Balancing of Electricity, Heating, and Sub-cooling			Did Not Meet Minimum Passing Score
22	Alzeta Corporation	Demonstration of a CARB 2007 Compliant Supplemental Burner for Small CCHP Systems			Did Not Meet Minimum Passing Score

Proposal Number **Applicant** **Project Title** **Score**

Proposals Disqualified During Screening Review

2	Airware, Inc.	Final Development to Production of Compact Cost-Effective High Sensitivity TDIR True- NOx Sensor			Did Not Meet RFP Requirements
3	Argonne National Laboratory	Development of High Efficiency, Low Emission Gas Engines for Combined Heat and Power Systems			Did Not Meet RFP Requirements
4	Frank Daniel Lotrionte	High-Efficiency Turbine Blades			Did Not Meet RFP Requirements
5	Ventions, LLC	Low-Cost and Efficient Regenerators for Waste Heat Recovery in CHP Systems			Did Not Meet RFP Requirements
7	Southern Research Institute	Recycling of Greenhouse Gases and Biomass Waste to Provide Clean Fuel for Grid-Connected DG/CHP Systems			Did Not Meet RFP Requirements
11	City of Downey	Columbia Memorial Space Science Learning Center			Did Not Meet RFP Requirements
16	Utah State University	Demonstration of Reliable High-Rate Anaerobic Digestion Matched with a New Highly Efficient Combined Heat and Power System			Did Not Meet RFP Requirements
19	University of North Dakota	Gasification of Biomass for Combined Heat and Power Generation			Did Not Meet RFP Requirements